

SDCS-ER-76-123

FOR FURTHER TRAN



AD A 054632

**SPECIAL DATA COLLECTION SYSTEM (SDCS)
NTS Event "CHEVRE," 23 November 1976**

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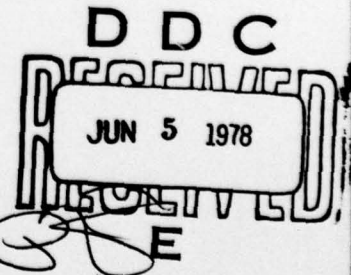
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SDCS Event Report No. 123

ABSTRACT

NTS Event "CHEVRE", 23 November 1976

This event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is ^{CHEVRE} GIVEN.

"P" Arrival Origin Time Latitude Longitude ^{ABSTRACT} _{m_b} _{M_s}

Hagsfor Negative

LASA Not reported (near regional distance).

All SDCS stations were operational during this time period, although only one, RK-ON, recorded a usable short-period signal. HN-ME was negative, and the Nevada stations were clipped. Long-period at SDCS stations was negative. Horizontal channels at RK-ON were rotated.

There were no tapes recorded from the SDAC/VELA Network detection processor for this time period.

Scaling factors on the plot are millimicrons at 1 Hz (not corrected for instrument response).

ACQUISITION	
NTIS	White Section <input checked="" type="checkbox"/>
DDC	Buff Section <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
JUSTIFICATION.....	
BY.....	
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Dist.	AVAIL. CODES
A	

STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SECS	ELEVATION METERS	INSTRUMENTATION	
				SHORT-PERIOD	LONG-PERIOD
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000	KS36000
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
OB2NV	Nevada Test Site	37 13 31.0 N 116 03 28.0 W		18300	N/A
NT-NV	Nevada Test Site	31 16 33.0 N 116 25 06.0 W		18300	N/A
NT2NV	Nevada Test Site	37 15 16.0 N 116 18 13.0 W		18300	N/A
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H

PREDATA -- TRAVEL TIME PREDICTIONS --

23NOV INPUT FOR EVENT 23 NOV 76
 15:15:00.0 37.000N 116.000W 0KM.

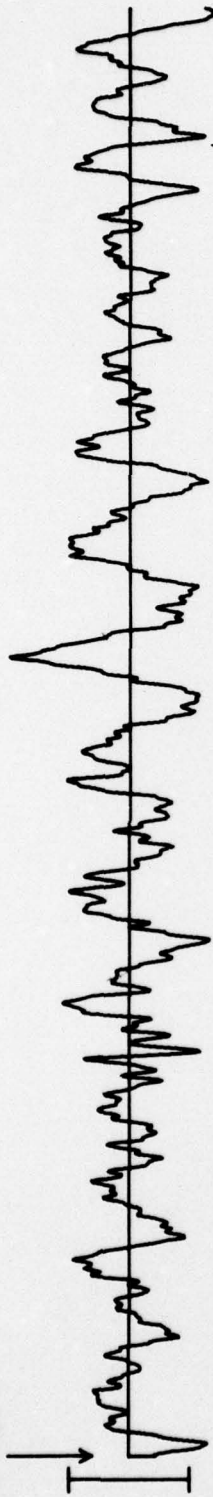
STA.		TIME	SURF (KM.) TRAV.TIME	DIST DEG.	KM.	EVT-STA	STA-EVT	AZI
OB2NV	P	15 15 04.3	0:04.3	0.23	25.4909	348.443	168.408	
OB3NV	P	15 15 04.4	0:04.4	0.24	26.2509	349.440	169.408	
NT2NV	P	15 15 06.4	0:06.4	0.34	37.8929	317.990	137.818	
NT-NV	P	15 15 08.1	0:08.1	0.43	48.1569	309.600	129.348	
LAO	P	15 17 52.8	2:52.8	12.11	1346.3806	33.872	220.403	
RK-ON	P	15 19 45.4	4:45.4	21.10	2346.6204	41.990	237.640	
HN-ME	P	15 22 06.8	7:06.8	36.58	4067.1921	60.108	273.026	
NAO	P	15 26 32.3	11:32.3	73.31	8151.6133	24.170	318.013	
HPS	P	15 26 40.7	11:40.7	74.76	8312.8984	23.524	320.323	

67 HERRIN TRAVEL TIME TABLES

SURF			
0	.	2	
0	.	0	
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.	.	.	.
0	0.	0	0
0	.	0	
0	.	0	

95 PERCENT CONFIDENCE ON DEPTH CHISQUARE WITH DISTANCE VARIANCE = ± 0.00

RK-ON 23 NOV 76
15:19:30.0



SPZ
18.12 MU



SPR
13.93 MU



SPT
9.94 MU



SPZLO
23.21 MU

10 SEC